Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: RATS/F 344

## P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Water disinfection byproducts (Dibromoacetonitrile)

CAS Number: 3252-43-5

F\_2 R2

C Number: C96015

**Lock Date:** 04/30/2004

Cage Range: ALL

Date Range: ALL

**Reasons For Removal:** ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

**TDMSE Version:** 1.8.0

Date Report Reqsted: 08/21/2007

Time Report Reqsted: 09:21:42 First Dose M/F: 09/05/01 / 09/05/01

Route: DOSED WATER

Species/Strain: RATS/F 344

# P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

Date Report Reqsted: 08/21/2007

Time Report Reqsted: 09:21:42 First Dose M/F: 09/05/01 / 09/05/01

FISCHER 344 RATS MALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
Disposition Summary				
Animals Initially in Study	50	50	50	50
Early Deaths Moribund Sacrifice	12	11	22	10
Natural Death	7	6	3	5
Survivors				
Terminal Sacrifice Animals Examined Microscopically	31 50	33 50	25 50	35 50
Animais Examined Microscopically	50	50	50	50
ALIMENTARY SYSTEM				
Esophagus	(48)	(50)	(50)	(50)
Intestine Large, Cecum	(48)	(49)	(50)	(47)
Intestine Large, Colon	(48)	(50)	(49)	(47)
Adenoma	4 (00()		1 (2%)	2 (4%)
Carcinoma	1 (2%)	(50)	(50)	(40)
Intestine Large, Rectum Adenoma	(49)	(50) 1 (2%)	(50) 1 (2%)	(49)
Intestine Small, Duodenum	(49)	(49)	(50)	(48)
Intestine Small, Ileum	(46)	(48)	(50)	(47)
Intestine Small, Jejunum	(47)	(46)	(49)	(47)
Liver	(50)	(50)	(50)	(50)
Hepatocellular Adenoma	` ,	• •	1 (2%)	• •
Hepatocellular Carcinoma			1 (2%)	
Mesentery	(14)	(18)	(18)	(15)
Oral Mucosa	(0)	(0)	(1)	(3)
Squamous Cell Carcinoma			1 (100%)	2 (67%)
Squamous Cell Papilloma Pancreas	(49)	(50)	1 (100%) (50)	1 (33%) (50)
Acinus, Adenoma	(49) 1 (2%)	(50)	(50) 2 (4%)	(50)
Duct, Carcinoma	1 (2/0)		1 (2%)	
Salivary Glands	(50)	(50)	(50)	(50)
Stomach, Forestomach	(50)	(49)	(50)	(50)
Squamous Cell Papilloma	ν /	1 (2%)	( - /	1 (2%)
Stomach, Glandular	(50)	(50)	(50)	(50)
Adenoma				1 (2%)
Adenoma, Multiple				1 (2%)

a - Number of animals examined microscopically at site and number of animals with lesion

Route: DOSED WATER

Species/Strain: RATS/F 344

# P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

Date Report Reqsted: 08/21/2007

Time Report Reqsted: 09:21:42 First Dose M/F: 09/05/01 / 09/05/01

FISCHER 344 RATS MALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L	
Tongue	(50)	(50)	(50)	(50)	
Squamous Cell Carcinoma	,	,	1 (2%)	1 (2%)	
Squamous Cell Papilloma	(4)	(0)	1 (2%)	1 (2%)	
Tooth	(1)	(0)	(0)	(0)	
CARDIOVASCULAR SYSTEM					
Blood Vessel	(1)	(0)	(1)	(0)	
Heart	(5Ó)	(5Ó)	(5Ó)	(50)	
Schwannoma Benign				2 (4%)	
ENDOCRINE SYSTEM					
Adrenal Cortex	(50)	(50)	(50)	(50)	
Adenoma	,	,	,	1 (2%)	
Adrenal Medulla	(50)	(50)	(49)	(49)	
Ganglioneuroma			1 (2%)		
Pheochromocytoma Benign	9 (18%)	5 (10%)	7 (14%)	7 (14%)	
Pheochromocytoma Complex			0 (00()	1 (2%)	
Pheochromocytoma Malignant	4 (00()	4 (00()	3 (6%)	4 (00()	
Bilateral, Pheochromocytoma Benign	1 (2%)	1 (2%)	(50)	1 (2%)	
Islets, Pancreatic Adenoma	(49) 5 (10%)	(50) 4 (8%)	(50) 3 (6%)	(50) 3 (6%)	
Carcinoma	1 (2%)	4 (8%) 1 (2%)	3 (6%) 1 (2%)	3 (6%) 2 (4%)	
Parathyroid Gland	(46)	(44)	(43)	(47)	
Adenoma	1 (2%)	(44)	(40)	1 (2%)	
Pituitary Gland	(50)	(50)	(48)	(49)	
Pars Distalis, Adenoma	24 (48%)	14 (28%)	20 (42%)	24 (49%)	
Pars Distalis, Carcinoma	_ : ( : • , • ,	1 (2%)	(, ,	_ : ( : : ; : ;	
Pars Intermedia, Carcinoma		1 (2%)	1 (2%)		
Thyroid Gland	(49)	(47)	(49)	(46)	
C-cell, Adenoma	10 (20%)	5 (11%)	4 (8%)	9 (20%)	
C-cell, Carcinoma	1 (2%)	2 (4%)			
Follicular Cell, Carcinoma			1 (2%)	1 (2%)	
GENERAL BODY SYSTEM					
Peritoneum	(2)	(6)	(0)	(2)	
Tissue NOS	(1)	(0)	(2)	(2) (1)	
	` '	, ,	` '	• •	

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: CHRONIC

Route: DOSED WATER
Species/Strain: RATS/F 344

# P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

Date Report Reqsted: 08/21/2007

Time Report Reqsted: 09:21:42 First Dose M/F: 09/05/01 / 09/05/01

FISCHER 344 RATS MALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L	
GENITAL SYSTEM					
Coagulating Gland Epididymis Preputial Gland	(1) (50) (48)	(0) (50) (50)	(1) (50) (50)	(0) (50) (50)	
Adenoma Carcinoma	1 (2%)	2 (4%) 1 (2%)	3 (6%) 2 (4%)	1 (2%)	
Prostate Seminal Vesicle	(49)	(50)	(50)	(50)	
Testes	(50) (50)	(49) (50)	(50) (50)	(50) (50)	
Bilateral, Interstitial Cell, Adenoma Interstitial Cell, Adenoma	34 (68%) 15 (30%)	38 (76%) 6 (12%)	38 (76%) 4 (8%)	40 (80%) 8 (16%)	
HEMATOPOIETIC SYSTEM					
Bone Marrow	(50)	(50)	(50)	(50)	
Lymph Node Mediastinal, Fibrous Histiocytoma, Metastatic, Skin	(26) 1 (4%)	(24)	(19)	(21)	
Lymph Node, Mandibular Lymph Node, Mesenteric	(1) (50)	(0) (50)	(3) (50)	(0) (50)	
Fibrous Histiocytoma, Metastatic, Skin	1 (2%)		, ,		
Spleen Thymus	(49) (43)	(50) (50)	(50) (44)	(50) (45)	
NTEGUMENTARY SYSTEM					
Mammary Gland	(46)	(49)	(47)	(46)	
Carcinoma Fibroadenoma	1 (2%) 6 (13%)	3 (6%)	1 (2%) 3 (6%)	2 (4%)	
Skin	(50)	(50)	(50)	(50)	
Basal Cell Adenoma	2 (4%)	4 (00/)	2 (4%)	2 (4%)	
Basal Cell Carcinoma Keratoacanthoma	2 (4%) 6 (12%)	1 (2%) 6 (12%)	5 (10%)	1 (2%) 5 (10%)	
Keratoacanthoma, Multiple	0 (1270)	1 (2%)	3 (1070)		
Squamous Cell Carcinoma		1 (2%)		1 (2%)	
Squamous Cell Papilloma Trichoepithelioma			1 (2%)	1 (2%)	
Monophiloliolia			1 (2/0)		

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: RATS/F 344

# P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

Date Report Reqsted: 08/21/2007

Time Report Reqsted: 09:21:42 First Dose M/F: 09/05/01 / 09/05/01

FISCHER 344 RATS MALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L	
Pinna, Neural Crest Tumor Pinna, Squamous Cell Papilloma	1 (2%)	1 (2%)	1 (2%)		
Sebaceous Gland, Adenoma Subcutaneous Tissue, Fibroma Subcutaneous Tissue, Fibroma, Multiple Subcutaneous Tissue, Fibrous	7 (14%) 1 (2%) 1 (2%)	6 (12%)	1 (2%) 1 (2%) 3 (6%)	4 (8%) 2 (4%)	
Histiocytoma Subcutaneous Tissue, Lipoma Subcutaneous Tissue, Osteosarcoma	1 (2%)	1 (2%)			
MUSCULOSKELETAL SYSTEM					
Bone	(50)	(50)	(50)	(50)	
Vertebra, Chordoma Skeletal Muscle Squamous Cell Carcinoma, Metastatic, Skin	(1)	(3) 1 (33%)	1 (2%) (1)	(1)	
NERVOUS SYSTEM					
Brain Carcinoma, Metastatic, Pituitary Gland	(50)	(50) 2 (4%)	(50)	(50)	
Carcinoma, Metastatic, Zymbal'S Gland Peripheral Nerve Schwannoma Malignant	(2)	(0)	1 (2%) (4) 1 (25%)	(0)	
RESPIRATORY SYSTEM					
Lung Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Adenoma, Multiple	(50) 2 (4%) 1 (2%)	(50) 3 (6%)	(50)	(50)	
Alveolar/Bronchiolar Carcinoma Carcinoma, Metastatic, Zymbal'S Gland Chordoma, Metastatic, Uncertain Primary Site	1 (2%)	1 (2%)	1 (2%) 1 (2%) 1 (2%)		
Fibrous Histiocytoma, Metastatic, Skin Neural Crest Tumor, Metastatic, Skin Nose Osteochrondroma	1 (2%) (50)	1 (2%) (50) 1 (2%)	1 (2%) (50)	(50)	

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: RATS/F 344

# P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

Date Report Reqsted: 08/21/2007

Time Report Reqsted: 09:21:42 First Dose M/F: 09/05/01 / 09/05/01

FISCHER 344 RATS MALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L	
Squamous Cell Carcinoma, Metastatic, Oral Mucosa				1 (2%)	
Trachea	(50)	(50)	(50)	(50)	
SPECIAL SENSES SYSTEM					
Eye Harderian Gland Zymbal's Gland Carcinoma	(48) (50) (0)	(47) (50) (0)	(48) (50) (2) 2 (100%)	(47) (50) (0)	
URINARY SYSTEM					
Kidney Urethra Urinary Bladder	(49) (0) (50)	(50) (1) (50)	(50) (1) (49)	(50) (0) (50)	
SYSTEMIC LESIONS					
Multiple Organs Histiocytic Sarcoma Leukemia Mononuclear Lymphoma Malignant Mesothelioma Malignant	*(50) 21 (42%)	*(50) 1 (2%) 19 (38%) 1 (2%) 6 (12%)	*(50) 1 (2%) 20 (40%)	*(50) 2 (4%) 20 (40%) 1 (2%)	

a - Number of animals examined microscopically at site and number of animals with lesion

<sup>\*</sup> Number of animals with any tissue examined microscopically

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: RATS/F 344

# P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

Date Report Reqsted: 08/21/2007

Time Report Reqsted: 09:21:42 First Dose M/F: 09/05/01 / 09/05/01

Lab: SRI

FISCHER 344 RATS MALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
Tumor Summary for Males				
Total Animals with Primary Neoplasms (b)	50	49	50	49
Total Primary Neoplasms	157	135	142	152
Total Animals with Benign Neoplasms	50	47	47	48
Total Benign Neoplasms	128	97	103	120
Total Animals with Malignant Neoplasms	27	29	31	25
Total Malignant Neoplasms	29	37	38	32
Total Animals with Metastatic Neoplasms	1	4	3	1
Total Metastatic Neoplasms	3	4	5	1
Total Animals with Malignant Neoplasms Uncertain Primary Site			1	
Total Animals with Neoplasms Uncertain-Benign or Malignant		1	1	
Total Uncertain Neoplasms		1	1	

\*\*\* END OF MALE \*\*\*

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

Route: DOSED WATER

Species/Strain: RATS/F 344

# P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

Date Report Reqsted: 08/21/2007

Time Report Reqsted: 09:21:42 First Dose M/F: 09/05/01 / 09/05/01

FISCHER 344 RATS FEMALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L	
Disposition Summary					
Animals Initially in Study	50	50	50	50	
Early Deaths					
Moribund Sacrifice	9	11	16	12	
Natural Death	12	4	5	7	
Survivors					
Terminal Sacrifice	29	35	29	31	
Animals Examined Microscopically	50	50	50	50	
ALIMENTARY SYSTEM					
Esophagus	(49)	(50)	(50)	(50)	
Intestine Large, Cecum	(46)	(50)	(47)	(50)	
Intestine Large, Colon	(48)	(50)	(49)	(50)	
Adenoma	( -7	(/	( - /	1 (2%)	
Intestine Large, Rectum	(49)	(49)	(48)	(49)	
Adenoma	,	1 (2%)	,	, ,	
Carcinoma	1 (2%)	. ,			
Schwannoma Malignant, Metastatic,	1 (2%)				
Uterus					
Intestine Small, Duodenum	(49)	(50)	(50)	(49)	
Intestine Small, Ileum	(45)	(48)	(49)	(49)	
Intestine Small, Jejunum	(42)	(48)	(48)	(46)	
Liver	(50)	(50)	(50)	(50)	
Hepatocellular Adenoma	(00)	(4.4)	1 (2%)	(4.5)	
Mesentery	(20)	(11)	(17)	(15)	
Schwannoma Malignant, Metastatic,	1 (5%)				
Uterus Oral Mucosa	(0)	(0)	(4)	(4)	
Squamous Cell Papilloma	(0)	(0)	(1) 1 (100%)	(1)	
Squamous Ceil Papilloma Pancreas	(FO)	(50)	1 (100%) (50)	(50)	
Salivary Glands	(50) (50)	(50) (50)	(50) (50)	(50) (50)	
Stomach, Forestomach	(50)	(50)	(50)	(50)	
Stomach, Glandular	(49)	(50)	(50)	(50)	
Tongue	(50)	(50)	(50)	(50)	
Squamous Cell Papilloma	1 (2%)	(30)	3 (6%)	(50)	
Tooth	(1)	(0)	(0)	(0)	
100	(')	(0)	(5)	(0)	

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: RATS/F 344

# P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

Date Report Reqsted: 08/21/2007

Time Report Reqsted: 09:21:42 First Dose M/F: 09/05/01 / 09/05/01

FISCHER 344 RATS FEMALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L	
CARDIOVASCULAR SYSTEM					
Heart Schwannoma Benign	(50) 1 (2%)	(50)	(50)	(50) 1 (2%)	
ENDOCRINE SYSTEM					
Adrenal Cortex Adenoma Adrenal Medulla Ganglioneuroma Pheochromocytoma Benign Islets, Pancreatic Adenoma Parathyroid Gland Pituitary Gland Pars Distalis, Adenoma Pars Distalis, Carcinoma Thyroid Gland Bilateral, C-cell, Adenoma C-cell, Adenoma C-cell, Carcinoma Follicular Cell, Adenoma	(50) (49) 1 (2%) (50) 1 (2%) (42) (49) 27 (55%) (46) 2 (4%) 4 (9%) 1 (2%)	(50) (50) 2 (4%) (50) 1 (2%) (42) (48) 31 (65%) (48) 6 (13%) 1 (2%)	(50)  (50)  1 (2%)  1 (2%) (50)  (43) (50)  29 (58%)  1 (2%) (48)  6 (13%)  2 (4%)	(50) 2 (4%) (50) (49) 2 (4%) (43) (50) 22 (44%) (46) 5 (11%)	
GENERAL BODY SYSTEM None					
GENITAL SYSTEM					
Clitoral Gland Adenoma Carcinoma Bilateral, Adenoma Ovary	(50) 4 (8%) 1 (2%) 1 (2%) (50)	(50) 1 (2%) 5 (10%) 1 (2%) (50)	(47) 1 (2%) 4 (9%) (50)	(50) 3 (6%) 3 (6%) (50)	
Granulosa-Theca Tumor Benign Oviduct	1 (2%) (1)	(0)	(1)	(0)	

a - Number of animals examined microscopically at site and number of animals with lesion

Route: DOSED WATER

Species/Strain: RATS/F 344

# P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

Date Report Reqsted: 08/21/2007

Time Report Reqsted: 09:21:42 First Dose M/F: 09/05/01 / 09/05/01

FISCHER 344 RATS FEMALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L	
Uterus	(50)	(50)	(50)	(50)	
Hemangiosarcoma	1 (2%)	(/		()	
Schwannoma Malignant		4 (00()	1 (2%)	4 (00()	
Endometrium, Adenoma Endometrium, Polyp Stromal	12 (24%)	1 (2%) 10 (20%)	4 (8%)	1 (2%) 11 (22%)	
Endometrium, Polyp Stromal, Multiple	1 (2%)	10 (20%)	4 (0 /0)	11 (22/0)	
Endometrium, Schwannoma Malignant	1 (2%)				
Vagina	(6)	(2)	(7)	(7)	
Polyp	4 (470/)	1 (50%)	1 (1 10/)		
Schwannoma Malignant, Metastatic, Uterus	1 (17%)		1 (14%)		
IEMATOPOIETIC SYSTEM					
Bone Marrow	(49)	(50)	(50)	(50)	
Lymph Node	(21)	(15)	(23)	(15)	
Deep Cervical, Carcinoma, Metastatic,		1 (7%)			
Thyroid Gland Lymph Node, Mandibular	(3)	(2)	(2)	(2)	
Lymph Node, Mandibular Lymph Node, Mesenteric	(50)	(2) (50)	(2) (50)	(2) (50)	
Spleen	(50)	(50)	(50)	(50)	
Hemangiosarcoma		4.5	4>	1 (2%)	
Thymus	(48)	(49)	(48)	(49)	
NTEGUMENTARY SYSTEM					
Mammary Gland	(49)	(50)	(50)	(50)	
Adenoma Carcinoma	2 (40/)	E (100/)	1 (2%) 3 (6%)	2 (60/)	
Carcinoma Carcinoma, Multiple	2 (4%)	5 (10%)	3 (6%) 2 (4%)	3 (6%)	
Fibroadenoma	14 (29%)	19 (38%)	21 (42%)	19 (38%)	
Fibroadenoma, Multiple	17 (35%)	17 (34%)	10 (20%)	6 (12%)	
Skin	(50)	(50)	(50)	(49)	
Basal Cell Adenoma Basal Cell Carcinoma			1 (2%) 1 (2%)	1 (2%)	
Keratoacanthoma			1 (2/0)	1 (2%)	
Squamous Cell Papilloma			1 (2%)	2 (4%)	
Subcutaneous Tissue, Fibroma			3 (6%)		
Subcutaneous Tissue, Fibroma, Multiple			1 (2%)		

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: RATS/F 344

# P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

Date Report Reqsted: 08/21/2007

Time Report Reqsted: 09:21:42 First Dose M/F: 09/05/01 / 09/05/01

FISCHER 344 RATS FEMALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L	
Subcutaneous Tissue, Fibrosarcoma Subcutaneous Tissue, Lipoma	1 (2%)		1 (2%)		
Ouboutaneous Fissue, Eipoma			1 (270)		
MUSCULOSKELETAL SYSTEM					
Bone Vertebra Chandrasarrama	(50)	(50)	(50)	(50)	
Vertebra, Chondrosarcoma Skeletal Muscle	1 (2%) (3)	(0)	(0)	(0)	
NERVOUS SYSTEM					
Brain	(50)	(50)	(50)	(50)	
Carcinoma, Metastatic, Pituitary Gland Glioma Malignant		1 (2%)	1 (2%)		
Spinal Cord	(5)	(3)	(2)	(4)	
RESPIRATORY SYSTEM					
Lung	(50)	(50)	(50)	(50)	
Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Adenoma, Multiple	1 (2%)		1 (2%)	1 (2%)	
Alveolar/Bronchiolar Carcinoma				1 (2%)	
Nose Respiratory Epithelium, Adenoma	(50)	(50)	(50)	(50) 1 (2%)	
Trachea	(50)	(50)	(50)	(50)	
SPECIAL SENSES SYSTEM					
Eye	(47)	(50)	(50)	(48)	
Harderian Gland	(50)	(50)	(50)	(50)	
Zymbal's Gland Carcinoma	(0)	(0)	(1) 1 (100%)	(0)	
			1 (10070)		
URINARY SYSTEM					
Kidney	(50)	(49)	(50)	(49)	
Urinary Bladder	(50)	(50)	(49)	(50)	

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: RATS/F 344

# P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

Date Report Reqsted: 08/21/2007

Time Report Reqsted: 09:21:42 First Dose M/F: 09/05/01 / 09/05/01

FISCHER 344 RATS FEMALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L
SYSTEMIC LESIONS				
Multiple Organs Histiocytic Sarcoma	*(50)	*(50) 2 (4%)	*(50)	*(50)
Leukemia Mononuclear Lymphoma Malignant	14 (28%) 1 (2%)	9 (18%) 1 (2%)	10 (20%)	12 (24%)

a - Number of animals examined microscopically at site and number of animals with lesion

<sup>\*</sup> Number of animals with any tissue examined microscopically

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: RATS/F 344

# P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

Date Report Reqsted: 08/21/2007

Time Report Reqsted: 09:21:42 First Dose M/F: 09/05/01 / 09/05/01

Lab: SRI

FISCHER 344 RATS FEMALE	0 MG/L	50 MG/L	100 MG/L	200 MG/L	
umor Summary for Females					
Total Animals with Primary Neoplasms (b)	48	49	49	47	
Total Primary Neoplasms	112	115	112	99	
Total Animals with Benign Neoplasms	44	48	49	43	
Total Benign Neoplasms	89	91	89	79	
Total Animals with Malignant Neoplasms	20	20	21	18	
Total Malignant Neoplasms	23	24	23	20	
Total Animals with Metastatic Neoplasms	1	1	2		
Total Metastatic Neoplasms	3	1	2		
Total Animals with Malignant Neoplasms Uncertain Primary Site					
Total Animals with Neoplasms Uncertain-Benign or Malignant					
Total Uncertain Neoplasms					

\*\*\* END OF REPORT \*\*\*

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors